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Docket No.: R2184.0471/P471
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Takashi Takahashi

(Internat'l. Appln. PCT/JP2005/007269
Filed April 7, 2005)

Application No.: 10/560,247

Art Unit: Not Known

Filed: December 12, 2005

Examiner: Not Known

For: VERTICAL CAVITY SURFACE EMITTING
SEMICONDUCTOR LASER, LIGHT
EMISSION DEVICE, AND OPTICAL
TRANSMISSION SYSTEM

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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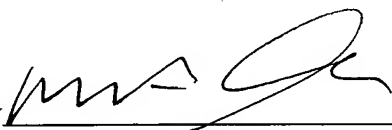
Dear Sir:

Pursuant to 37 C.F.R. § 1.56, the Examiner's attention is directed to the additional references listed on the attached Form PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of the above-captioned application and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. A copy of each foreign-language document is attached, together with an English-language abstract of each document.

This Supplemental Information Disclosure Statement should not constitute an admission that any patent, publication or other information referred to herein is "prior art" unless specifically designated as such. In accordance with 37 C.F.R. § 1.97(g), the filing of this Supplemental Information Disclosure Statement should not be construed to mean that a search has been made. This Supplemental Information Disclosure Statement is believed to be in compliance with 37 C.F.R. § 1.98 and the Examiner is respectfully requested to consider the listed references.

Dated: June 9, 2006

Respectfully submitted,

By 

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PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/560,247
				Filing Date	December 12, 2005
				First Named Inventor	Takashi Takahashi
				Art Unit	Not Known
				Examiner Name	Not Known
Sheet	1	of	2	Attorney Docket Number	R2184.0471/P471

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	DA	US-6,207,973 B1	03/2001	Sato et al.	
	DB	US-6,542,528 B1	04/2003	Sato et al.	
	DC	US-6,563,851 B1	05/2003	Jikutani et al.	
	DD	US-6,614,821 B1	09/2003	Jikutani et al.	
	DE	US-6,657,233 B2	12/2003	Sato et al.	
	DF	US-6,674,785 B2	01/2004	Sato et al.	
	DG	US-6,765,232 B2	07/2004	Takahashi et al.	
	DH	US-2004/0228381 A1	11/2004	Jikutani et al.	
	DI	US-2004/0233953 A1	11/2004	Sato	
	DJ	US-2004/0238832 A1	12/2004	Takahashi et al.	
	DK	US-6,829,271 B2	12/2004	Sato et al.	
	DL	US-6,856,631 B1	02/2005	Takahashi	
	DM	US-2005/0040413 A1	02/2005	Takahashi et al.	
	DN	US-6,884,291 B1	04/2005	Jikutani et al.	
	DO	US-6,959,025 B2	10/2005	Jikutani et al.	
	DP	US-6,974,974 B2	12/2005	Sato et al.	
	DQ	US-6,983,004 B2	01/2006	Jikutani et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	DR	JP 07-249824	09/1995			X*
	DS	JP 11-307876	11/1999			X*
	DT	JP 11-307880	11/1999			X*
	DU	JP 2000-307195	11/2000			X*
	DV	JP 2002-185079	06/2002			X*
	DW	JP 2002-204039	07/2002			X*

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*Abstract only.

Examiner Signature		Date Considered	
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				Examiner Name	Not Known
Sheet	2	of	2	Attorney Docket Number	R2184.0471/P471

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	DX	Connie J. Chang-Hasnain, "Injection-Locked VCSELs for Analog and Digital Communication Systems," Technical Report of IEICE, OPE2003-218, LQE2003-155 (2003-12), pp. 25-27	
	DY	Yukihiro Hayashi et al., "A Study on Modulation Instability in Optical Fiber Links with Random Birefringence," Technical Report of IEICE, LQE2003-15 (2003-05), pp. 57-60	

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